

General Environmental Incident Summary

Incident: 1977 **Date/Time Notice:** 7/9/2013 1545 **DEM Incident No:**
Responsible Party: Cenex Pipeline
Date Incident: 7/9/2013 **Time Incident:** 1502 **Duration:** minutes
County: McKenzie **Twp:** 150 **Rng:** 101 **Sec:** 26 **Qtr:** SW NE
Lat: 47.78323 **Long:** -103.57260 **Method:** Derived from TRS
Location Description: 3/4 mile East of 140th Street and 1.5 miles South of Highway 85.

Submitted By: Michelle Slyder **Affiliation:**
Address:
City: **State:** **Zip:**

Received By: Scott Radig
Contact Person: Mike Stahly
803 Highway 212 South
Laurel, MT 59044

Distance Nearest Occupied Building: 1 Miles

Type of Incident: Pipeline Leak

Description of Released Contaminant: Gasoline

Volume Spilled: 2000.00 barrels

Ag Related: No

EPA Extremely Hazardous Substance: No

Reported to NRC: Yes

Cause of Incident:

Excavation caused damage resulted in release.

Risk Evaluation:

Atmosphere being monitored during remediation. Site safety plan and security plan are being developed.

of Fatalities: 0

of Injuries: 0

Affected Medium: 03 - soil

Potential Environmental Impacts:

Soil impact evident. Potential impacts to ground water and air.

Action Taken or Planned:

Leak contained in excavators trench. Soil excavation not yet underway. Excavation equipment is on-site and will perform excavation upon determination that it is safe to do so. No evacuation of nearby residences, roads, or railroads. Emergency reponse crews on-site with Vac Trucks.

Wastes Disposal Location: To Be Determined.

Agencies Involved: NDDDES, Local Law Enforcement, Local Emergency Manager,
EPA/NRC/PHMSA

Updates

Date: 7/9/2013 ***Status:*** Inspection

Author: Roberts, Kris

Updated Volume:

Notes:

Kris Roberts responded to site, followup inspections done by Scott Stockdill and Brady Espe.

Date: 7/10/2013 ***Status:*** Reviewed - Follow-up Required

Author: Miller, Adam

Updated Volume:

Notes:

Large release that was not contained. Followup required.

Updated Volume:

Notes:

Arrived at location at 10:10 AM CST 7/10/13.

Work crew is running into benzene all work is stopped between 10 AM to 12 PM. Cenex was then clearing utilities before work could resume. Vac truck onsite to continually suction up gas coming out of the pipeline.

Original plan slated pipeline to go through trees to southeast of incident location, landowner objected and the company digging in the rural water line changed the plan without consultation with CHS leading the contracting company to strike the Cenex Pipeline.

Work resumed at approximately 3 pm on the 10th of July. At this point CHS began to better contain the still spilling gasoline after which was completed they dug two test pits to determine the extent of contamination. The two test pits (TP 1 and TP 2) where dug to a depth of 12' below grade with CHS still reading 218 ppm on a PID meter at TP 1 and 15 ppm at TP 2.

While digging the test pits it was discovered that the underlying soil contained a high sand content allowing the gasoline to move quickly through the soil.

GPS locations

Leaking pipeline

N- 47 46' 57.4"

W-103 34' 00.7"

Test Pit 1 (TP 1)

N- 47 46' 57.0"

W- 103 34' 00.3"

Test Pit 2 (TP 2)

N- 47 46' 56.1"

W- 103 33' 59.1"

Extent of pit Excavation

N-47 46' 56"

W- 103 33' 59"

PID readings at Test pits (PPM)

TP 1

West side 471

Bottom 218

East Side 75

TP2

West Side 505

Bottom 15

East Side 348

Work was going to begin on the 11th of July 2013 on repairing the pipeline after which the remediation work was going to begin.

Left Location 7:07 pm CST 7/10/13.

Date: 7/16/2013 **Status:** Inspection

Author: Miller, Adam

Updated Volume:

Notes:

I arrived at the site on 7/16/2013 at approx. 10:00 am MT. Mike with Cenex toured me through the site. Contaminated soil had been collected and stored on a large tarp and bermed to prevent any loss of fluids. The collected soil was being turned over daily to promote volatilization. A crew was on site scraping asbestos from the piece of removed pipe so it could be properly disposed of. The line itself had been repaired and reburied. Mike stated that they had dug down to 24 feet deep and were still finding high levels of GRO. They stated they would be doing soil borings to delineate the extent of the contamination. Mike stated that TetraTech was the 3rd party environmental consultant and that he or TetraTech would provide site assessment reports as they were made available.

Date: 10/14/2013 **Status:** Inspection

Author: Miller, Adam

Updated Volume:

Notes:

Site assessment report received from Tetra Tech.

Date: 5/15/2014 **Status:** Inspection

Author: O'Gorman, Brian

Updated Volume:

Notes:

Arrived on location at 12:55, 5/15/14. 63 degrees F, Sunny, 0-5 mph NW wind. Observed the site and took photographs. Met with the hydrogeologist conducting the analysis of the well borings. The hydrogeologist showed me the five completed wells and the location for the final well. Soil boring samples were going to be sent to the lab for analytical analysis after completion of the wells, which would be today or tomorrow, and water samples would be collected within the next two weeks. The hydrogeologist also stated that the report for the project would be completed after the analysis is received and forwarded to the department.